

GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

I & CAD Department – “Babu Jagjivan Ram Uttarandhra Sujala Sravanthi Project” – Diversion of surplus water from river Godavari to the backward and drought prone areas of Visakhapatnam, Vizianagaram and Srikakulam Districts to provide irrigation facilities to 8.0 Lakh Acres @ estimated amount of Rs.7214.10 Crores – Administrative Approval – Accorded – Orders – Issued.

IRRIGATION & C.A.D. (MAJ.IRRI.I) DEPARTMENT

G.O.Ms.No. 3

Dated. 02 -01-2009.
Read the following:-

1. The Chief Engineer, Indira Sagar Polavaram Project Letter No.CE/ISPP/DCE/OT2/ISLMC/STAGE.II/ 362/07/ dated 3. 7. 2008
2. The Chief Engineer, Indira Sagar Polavaram Project Letter .No.CE/ISPP/DCE/OT2/ISLMC/STAGE.II /362/07 / dated .12.8.2008
3. The Chief Engineer, Indira Sagar Polavaram Project Letter .No.CE/ISPP/DCE/OT2/ISLMC/STAGE.II /362/07 / dated 18.11.2008
4. The Chief Engineer, Indira Sagar Polavaram Project, Letter No.CE/ISPP/DCE/OT2/ISLMC/STAGE.II/ 362/07/dated .6.12. 2008.
5. The Chief Engineer, Indira Sagar Polavaram Project Letter No.CE/ISPP/DCE/OT2/ISLMC/STAGE.II/ 362/ 07/dated 11.12. 2008.
6. G.O.M.s.No.237, Irrigation & CAD (P.W.Major Irrigation –I)Department, dated :15.12.2008
7. The Chief Engineer, Indira Sagar Polavaram Project,Letter No.1, Camp dated : 29.12.2008

ORDER:

The Chief Engineer, Indira Sagar Polavaram Project, Dowlaiswaram has informed Government that RIVER GODAVARI during its flood period of 2 to 3 months carries surplus water to the extent about 3 to 6 thousand TMC every year into the Bay of Bengal. Of this surplus water, it is proposed to lift 63.2 TMC of water to provide irrigation facilities to the contemplated ayacut of 8.0 Lakh Acres in upland areas of three districts, i.e Visakhapatnam, Vizianagaram and Srikakulam. The Chief Engineer,ISPP., in his letters read above has accordingly submitted proposals for according Administrative Approval to take up “Babu Jagjivan Ram Uttarandhra Sujala Sravanthi Project” at an estimated cost of Rs.7214.10 Crores

2. The Chief Engineer,Indira Sagar Polavaram Project, Dowlaiswaram has further informed that the proposal contemplates 1st Stage lifting of floodwater from river Godavari at Purushothapatnam (V) in East Godavari District into the starting point of Indira Sagar Left Main Canal. The I.S.L.M. Canal from KM 0.0 to 162.4 will be utilized to convey 63.2 TMC of floodwater lifted from river Godavari by gravity upto Tallapalem village in Visakhapatnam District. This water will be further lifted (2nd Stage lifting) and conveyed upto GADIGEDDA RESERVOIR in Vizianagaram District through gravity and main canal 1 and 2. From this canal system, water will be further lifted into four reservoirs to be formed to supplement water during non-flood days. The four reservoirs proposed are

- (I) PEDAPUDI RESERVOIR near Pedapudi (V) &
- (II) BHUDEVI RESERVOIR near Ayyanapalem (V) in Visakhapatnam District
- (III) VEERA NARAYANA PURAM RESERVOIR near V.N. Puram (V) &
- (IV) THATIPUDI EXTn. RESERVOIR near Veduruvada (V) in Vizianagaram District.

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3. The high patches in the command area will be supplied with water through further sub-lifts. The entire command area of 8.0 Lakh Acres will be supplied with irrigation water through a network of Branch Canals and suitable distributary system. District wise/ Mandal wise details of ayacut proposed to be benefited is annexed to this order of annexure-II.
4. The power requirement of this project is expected to be 339 MW , that will be met from A.P. State Power Grid.
5. This project from the proposed command area (Ayacut) of 8.0 Lakh Acres will produce 12.32 Lakh MT's gross of food grains of value Rs.2844.51 Crores annually as per details in annexure-III. This will also provide drinking water facilities to 30 Lakh population besides meeting industrial water needs of this area to an extent of 5.34 TMC and that the **"BENEFIT-COST" ratio of the project is worked out as 1.62:1 which is considered remunerative.**
6. In view of the aforesaid position, the Chief Engineer, Indira Sagar Polavaram Project, Dowlaiswaram has requested Government to accord Administrative Approval for an amount of Rs.7214.10 Crores (Rupees Seven Thousand Two Hundred Fourteen Crores and Ten Lakhs only) to execute the "Babu Jagjivan Ram Uttarandhra Sujala Sravanthi Project". Government after careful examination decided to accept the proposal of the Chief Engineer, Indira Sagar Polavaram Project, Dowlaiswaram. Accordingly Administrative Approval is hereby accorded for an amount of Rs.7214.10 Crores (Rupees Seven Thousand Two Hundred Fourteen Crores and Ten Lakhs only) to execute "Babu Jagjivan Ram Uttarandhra Sujala Sravanthi Project" . The component-wise break up of the project cost is annexed to this order as annexure-I
7. The expenditure is chargeable to DA 4701-0- Capital Outlay on Major and Medium -01 Major Irrigation- Commercial- MH (120) Polavaram Barrage- GH (11) Normal State Plan S11 (27) -Canals & Distributaries- 530 Major Works-531 Other Expenditure.
8. The Chief Engineer, Indira Sagar Polavaram Project, Dowlaiswaram shall take necessary action accordingly.
9. This order issues with the concurrence of the Finance (Works & Projects) Department, vide their U.O. No. 5204/F7 (A2)/2008-1 dated.11-12-2008.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHAIENDRA KUMAR JOSHI
PRINCIPAL SECRETARY TO GOVERNMENT

Enclosures :Annexure-I, II and III

To,
The Chief Engineer, Indira Sagar Polavaram Project, Dowlaiswaram- 533 125.
Copy to:
The Engineer-In-Chief (I), Errumanzil, Hyderabad. .
The Account General, .Andhra Pradesh. Hyderabad
The Director of Works Accounts, Hyderabad.
The Joint Director Works Accounts, Dowlaiswaram.
The Joint Director Works Accounts, Ongole.
The Finance (W&P) Department.
The P.S. to Minister (M&MI)
The P.S. to Special Secretary to Chief Minister.
The P.S. to Principal a Secretary to Government .Irrigation &CAD, Department.
Sf/Sc (C.No.21944/MAJ. IRR. I(2)/2008).

// FORWARDED :: BY ORDER //

SECTION OFFICER

ANNEXURE-I,

TO G.O.Ms.No. 3 , I &CAD (PW.MAJ.IRRI.1) DEPARTMENT, DATED: 02 .01.2009.

UTTARANDHRA SUJALA SRAVANTHI

SL.NO	DESCRIPTION	GROSS TOTAL in Rs LAKHS
	<u>DIRECT CHARGES</u>	
A	Preliminaries	1,379.00
B	Land	81,000.00
C	Works I) Earth Dams II) Pump house, Mains, Electro Mechanical components, Elec. Sub-stations & Power houses etc,	94,488.50 2,90,515.00
D	Regulators I) Cross Regulators	7,105.00
	II) Off- take sluices	1,062.00
	III) Head Regulators	730.00
E	Falls	-
F	Cross Drainage works I) Aqueducts	1,840.85
	II) Under Tunnels	12,328.15
	III) Super Passages	16,817.24
	IV) Syphons	2,820.00
	V) Inlets &out lets	-
G	Bridges a) D.L. Bridges & N.H. Bridges	2,878.10
	b) S.L. Bridges	6,736.40
	c) Railway Bridges	4,600.00
H	Escapes: Surplus Escapes	3,156.00
K	Buildings: a) Permanent	1,000.00
	b) Temporary	-
L	Earth work and Lining of main canals 1 and 2, Gravity Canal	69,723.45
M	Plantation	122.00
O	Miscellaneous – (Models, Photo exhibition, Pylons, Foundation Stone & Inauguration and hospitality etc.)	286.00
P	Maintenance	3,640.00
R	Communications	5,050.00
	a. Approach roads 1000.00	
	b. Diversion of submerged Roads 4050.00	
U	Distributaries	80,000.00
V	Field channels / Water courses	12,000.00
X	Environmental & Ecology	300.00
	i) R&R	15,131.81
	ii) Provision for other L.I. Schemes found necessary during execution.	3,400.00
	iii) Shifting of Electrical lines	300.00
Y	Forest Land	3,000.00
	Total	721409.50 (or) Rs.7214.10 Crores

ANNEXURE-II

TO G.O.Ms.NO. 3, I & CAD(PW.IRRI.1) DEPARTMENT, DATED: 02 . 01.2009

UTTARANDHRA SUJALA SRAVANTHI

District Wise Ayacut		
Sl.No.	Name of Mandal	Extent in Acres
I	Visakhapatnam	
1	Chovavaram	17,790
2	Butchayyapeta	28,010
3	Ravikamatham	21,992
4	Madugula	28,998
5	Chidikada	13,632
6	Makavarapalem	21,617
7	Kotavuratla	8,280
8	Rolugunta	32,188
9	Narsipatnam	40,100
10	Kasimkota	6,998
11	Anakapalli	7,050
12	Sabbavaram	12,769
13	Pendurthi	5,924
14	Bhimunipatnam	11,499
15	Anandapuram	15,582
16	Devarapalli	14,251
17	Kotapadu	19,661
18	Padmanabham	14,659
	Total	3,21,000
II	Vizainagaram	
1	Vizainagaram	21,857
2	Kothavalasa	6,610
3	L.Kota	11,077
4	S.Kota	15,583
5	Gantyada	16,335
6	Jami	24,212
7	Vepada	10,086
8	Bhogapuram	7,544
9	Denkada	7,569
10	Pusapatirega	6,516
11	Nellimarla	8,090
12	Gurla	26,584
13	Garividi	29,363
14	Cheepurupalli	23,243
15	Meraka Mudidam	32,609
16	Gajapathinagaram	20,558
17	Bondapalli	26,747
18	Mentada	9,662
19	Datti Rajeru	29,407
20	Terlam	8,704
21	Ramabhardapuram	23,519
22	Badangi	8,867
23	Baligipeta	12,125
24	Bobbili (part)	7,133
	Total	3,94,000
III	Srikakulam	
1	Rajam	4,707
2	Santha Kavati	15,019
3	Burja	17,101
4	Laveru	23,264
5	Etcherla (part)	4,603
6	Ponduru	20,306
	Total	85,000

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ABSTRACT

SI No	Name of the District	Extent in Acres
1	Visakhapatnam	3,21,000
2	Vizianagaram	3,94,000
3	Srikakulam	85,000
	Total	8,00,000

ANNEXURE- III

TO G.O.Ms.NO. , I & CAD(PW.IRRI.1) DEPARTMENT, DATED: 02 . 01.2009

UTTARANDHRA SUJALA SRAVANTHI

1	Cropped area before Irrigation	2,05,136 Ha
2	Agricultural produce before Irrigation	3,54,714 MT
3	Gross value of Agricultural produce before Irrigation	Rs.53,350 Lakhs
4	Cropped area after Irrigation	3,23,756 Ha
5	Estimated Agricultural produce after Irrigation	12,31,615 MT
6	Estimated value of Agricultural produce after Irrigation	Rs.2,84,451 Lakhs